

[SCOPE OF CLAIMS]

[Claim 1] A recording and reproducing system, comprising:

a record medium for holding a data file for storing predetermined data and parameter information used to reproduce said predetermined data;

parameter information recording means of recording said parameter information in a parameter information file for storing said parameter information held in said record medium; and

data reproducing means of reproducing the predetermined data stored in said data file by using said recorded parameter information.

[Claim 2] The recording and reproducing system according to claim 1, wherein said parameter information recording means extracts the parameter information from said data file and records the extracted parameter information in said parameter information file.

[Claim 3] The recording and reproducing system according to claim 1, wherein the parameter information stored in said data file is also stored in a predetermined location, and said parameter information recording means obtains said parameter information also stored in the predetermined location and records the obtained parameter information in said parameter information file.

[Claim 4] The recording and reproducing system according to any one of claims 1 to 3, wherein said record medium holds a plurality of said data files, and said parameter information file stores all of the parameter information stored in said plurality of data files respectively.

[Claim 5] The recording and reproducing system according to claim 4, wherein said plurality of data files are given unique data file IDs respectively by using order in which said parameter information file stores said parameter information.

[Claim 6] The recording and reproducing system according to claim 5, wherein said data files have positions in which they are held by said record medium managed by using said given unique data file IDs.

[Claim 7] The recording and reproducing system according to claim 4, wherein said parameter information file stores the parameter information stored in said plurality of data files respectively by using classification according to a type of said predetermined data.

[Claim 8] The recording and reproducing system according to any one of claims 1 to 3, wherein said data file further stores meta-data information on said predetermined data, and meta-data information recording means of recording said meta-data information in a meta-data information file for storing said meta-data information held in said record medium is further provided.

[Claim 9] A recording apparatus, comprising: parameter information recording means of recording parameter information in a parameter information file for storing said parameter information, said file held in a record medium for holding a data file for storing predetermined data and said parameter information used to reproduce said predetermined data,

wherein the predetermined data stored in said data file is reproduced by using said recorded parameter information.

[Claim 10] A reproducing apparatus, comprising: data reproducing means of reproducing predetermined data stored in a data file by using parameter information recorded in a parameter information file held by a record medium for holding said data file for storing the predetermined data and the parameter information used to reproduce said predetermined data and the parameter information file for storing said parameter information.

[Claim 11] A record medium for holding a data file for storing predetermined data and parameter information used to reproduce said predetermined data and a parameter information file for storing said parameter information,

wherein said parameter information is recorded in said parameter information file, and

the predetermined data stored in said data file is reproduced by using the parameter information stored in said parameter information file.

[Claim 12] A recording and reproducing method, comprising:

a parameter information recording step of recording parameter information in a parameter information file held by a record medium for holding a data file for storing predetermined data and the parameter information used to reproduce said predetermined data and a parameter information file for storing said parameter information; and

a data reproducing step of reproducing the predetermined data stored in said data file by using said recorded parameter information.

[Claim 13] A recording method comprising a parameter information recording step of recording parameter information in a parameter information file for storing said parameter information held by a record medium for holding a data file for storing predetermined data and said parameter information used to reproduce said predetermined data,

wherein the predetermined data stored in said data file is reproduced by using said recorded parameter information.

[Claim 14] A reproducing method comprising a data reproducing step of reproducing predetermined data stored in a data file by using parameter information recorded in a parameter information file held by a record medium for holding

said data file for storing the predetermined data and the parameter information used to reproduce said predetermined data and the parameter information file for storing said parameter information.

[Claim 15] A program for causing a computer to execute parameter information recording step and data reproducing step of a recording and reproducing method according to claim 12.

[Claim 16] A program for causing a computer to execute a parameter information recording step of a recording method according to claim 13.

[Claim 17] A program for causing a computer to execute a data reproducing step of a reproducing method according to claim 14.

[Claim 18] A medium supporting a program according to claim 15 and processable by a computer.

[Claim 19] A medium supporting a program according to claim 16 and processable by a computer.

[Claim 20] A medium supporting a program according to claim 17 and processable by a computer.